WHAT IS CLAIMED IS:

1. An electronic flash of a camera, comprising:

an electronic flash light source comprising a light emitting diode; and

a light emission control device that makes the electronic flash light source emit light by supplying electric energy to the light emitting diode.

2. The electronic flash as defined in claim 1, wherein the electronic flash light source comprises R, G and B light emitting diodes.

3. The electronic flash as defined in claim 2, further comprising:

a color temperature setting device that manually sets a color temperature of the light emitted from the electronic flash light source,

wherein the light emission control device controls ratios between light emission amounts of the R, G and B light emitting diodes so that a color temperature of the light emitted from the electronic flash light source becomes the color temperature set by the color temperature setting device.

4. The electronic flash as defined in claim 2, further comprising:

a color temperature determining device that determines a color temperature of subject light,

wherein the light emission control device controls ratios between light emission amounts of the R, G and B light emitting diodes so that a color temperature of the light emitted from the electronic flash light source becomes the color temperature determined by the color temperature determining device.

5. The electronic flash as defined in claim 1, further comprising:

a capacitor with a large capacity that is charged by a battery,

wherein the light emission control device supplies the electric energy from the capacitor to the light emitting diode.

6. The electronic flash as defined in claim 1, further comprising:

a temperature sensor that determines a peripheral temperature of the light emitting diode,

wherein the light emission control device controls the electric energy to obtain a desired light emission amount according to the peripheral temperature determined by the temperature sensor.

7. An electronic flash of a camera, comprising:

an electronic flash light source that emits electronic flash light; and

an adjusting device that adjust a color temperature of the electronic flash light emitted from the electronic flash light source.

8. The electronic flash as defined in claim 7, wherein the adjusting device comprises:

a color temperature setting device that manually sets a color temperature of the electronic flash light; and

a light emission control device that controls a color temperature of the electronic flash light to the color temperature set by the color temperature setting device.

9. The electronic flash as defined in claim 7, wherein the adjusting device comprises:

a color temperature determining device that determines a color temperature of subject light; and

a light emission control device that controls a color temperature of the electronic flash light to the color temperature determined by the color temperature determining device.

10. The electronic flash as defined in claim 9, wherein the color temperature determining device has determining devices that convert color components of the subject light into electric signals and determines the color temperature of the subject light according to a ratio between determination signals of the determining devices.

11. The electronic flash as defined in claim 9, wherein the color temperature determining device determines the color temperature of the subject light according to color image signals of a subject image captured by an imaging device of the camera.

12. The electronic flash as defined in claim 7, wherein the electronic flash light source comprises a light emitting device of which R, G and B light amounts are separately controlled.

13. The electronic flash as defined in claim 12, wherein the light emitting device comprises one of a light emitting diode, an organic electroluminescence light emitting device and a plasma light emitting device.

14. The electronic flash as defined in claim 12, further comprising:

a capacitor with a large capacity that is charged by a battery,

wherein the adjusting device supplies the electric energy from the capacitor to the light emitting device.

15. The electronic flash as defined in claim 12, further comprising:

a temperature sensor that determines a peripheral temperature of the light emitting device,

wherein the adjusting device controls the electric energy to obtain a desired light emission amount according to the peripheral temperature determined by the temperature sensor.

16. The electronic flash as defined in claim 12, wherein the adjusting device adjusts the color temperature of the electronic flash light by controlling ratios between the R, G and B light amounts of the light emitting device.

17. The electronic flash as defined in claim 12, wherein the light emitting device comprises R, G and B light emitting devices.

18. The electronic flash as defined in claim 17, wherein the adjusting device controls the ratios between the light emitting amounts from the R, G and B light emitting devices by separately turning on and off the R, G and B light emitting devices.

19. The electronic flash as defined in claim 18, wherein the adjusting device comprises:

a light adjusting sensor that determines one of an amount of reflected light from a

subject emitted from one of the R, G and B light emitting devices of which light emitting amount is smallest among the R, G and B light emitting devices and an amount of reflected light from the subject emitted from the R, G and B light emitting devices;

a first light emission controlling device that stops light emission of the one of the R, G and B light emitting devices when the one of the amounts determined by the light adjusting sensor reaches a predetermined reference value according to the ratios between the light emitting amounts from the R, G and B light emitting devices;

a measuring device that measures a light emitting time of the one of the R, G and B light emitting devices;

a calculating device that calculates light emitting times of others of the R, G and B light emitting devices according to the light emitting time measured by the measuring device and the ratios between the light emitting amounts from the R, G and B light emitting devices; and

a second light emission controlling device that stops light emission of the others of the R, G and B light emitting devices according to the light emitting times calculated by the calculating device.

20. The electronic flash as defined in claim 18, wherein the adjusting device comprises:

a device that turns on and off the R, G and B light emitting devices with duty ratios corresponding to the ratios between the light emitting amounts from the R, G and B light emitting devices;

a light adjusting sensor that determines an amount of reflected light from a subject emitted from the R, G and B light emitting devices; and

a light emission controlling device that stops light emission of the R, G and B light emitting devices when the amount determined by the light adjusting sensor reaches a predetermined reference value.

21. The electronic flash as defined in claim 18, wherein the adjusting device comprises:

a device that turns on and off R, G and B light emitting devices of numbers according to the ratios between the light emitting amounts from the R, G and B light emitting devices;

a light adjusting sensor that determines an amount of reflected light from a subject emitted from the R, G and B light emitting devices; and

a light emission controlling device that stops light emission of the R, G and B light emitting devices when the amount determined by the light adjusting sensor reaches a predetermined reference value.

22. The electronic flash as defined in claim 7, wherein the electronic flash light source comprises:

a white light source that emits white electronic flash light; and

color filters that are arranged movably in front of the white light source,

wherein the adjusting device adjusts the color temperature of the electronic flash light by moving at least one of the color filters in front of the white light source.

23. An electronic camera that stores color image signals of a subject image captured with a taking lens and an imaging device, the electronic camera comprising:

a color temperature determining device that determines a color temperature of subject light before a shooting;

an electronic flash light source that emits electronic flash light;

an automatic white balance correcting device that corrects a white balance of the color image signals according to the color temperature determined by the color temperature determining device at the shooting irrespective of light emission of the electronic flash light source; and

an adjusting device that adjusts a color temperature of the electronic flash light to the color temperature determined by the color temperature determining device.

24. The electronic camera as defined in claim 23, wherein the color temperature determining device determines the color temperature of the subject light from the color image signals of the subject image captured with the taking lens and the imaging device.

25. An electronic camera that stores color image signals of a subject image captured with a taking lens and an imaging device, the electronic camera comprising:

a color temperature determining device that determines a color temperature of subject light;

a recording device that records at least one color temperature determined by the color

temperature determining device;

a designating device that reads the color temperature recorded in the recording device;

an automatic white balance correcting device that corrects a white balance of the color image signals according to the color temperature read by the designating device;

an electronic flash light source that emits electronic flash light; and

an adjusting device that adjusts a color temperature of the electronic flash light to the color temperature read by the designating device.

26. The electronic camera as defined in claim 25, wherein the color temperature determining device determines the color temperature of the subject light from the color image signals of the subject image captured with the taking lens and the imaging device.

27. A light emitting head, comprising:

an optical member that is one of a polygonal prism and a cylinder;

a light emitting device array provided on a side of the optical member; and

a reflecting mirror provided on at least a bottom of the optical member,

wherein the light emitting device array emits light out of the optical member through a top of the optical member.